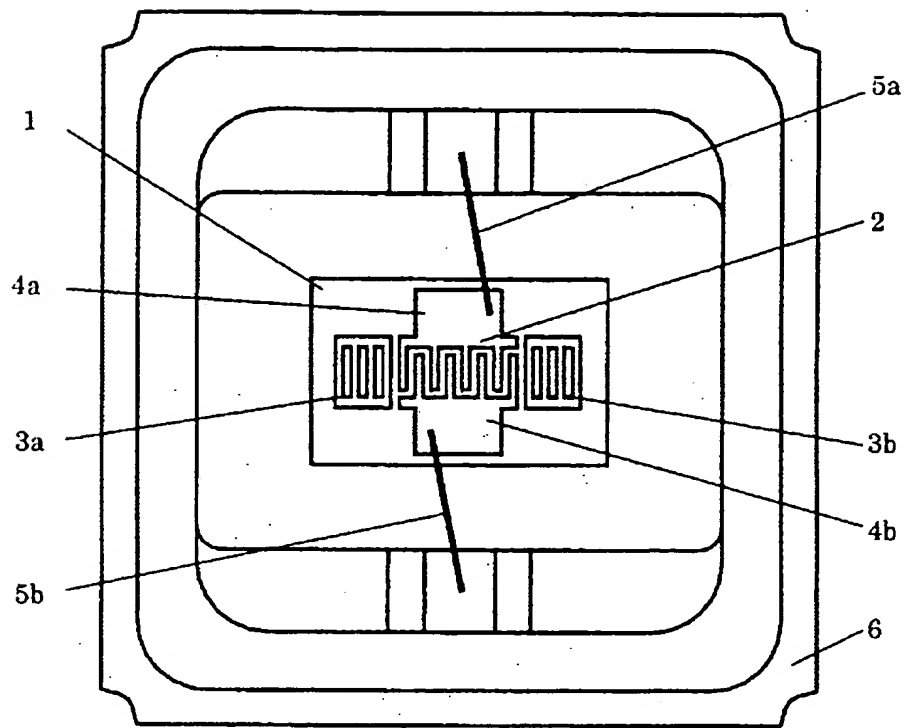
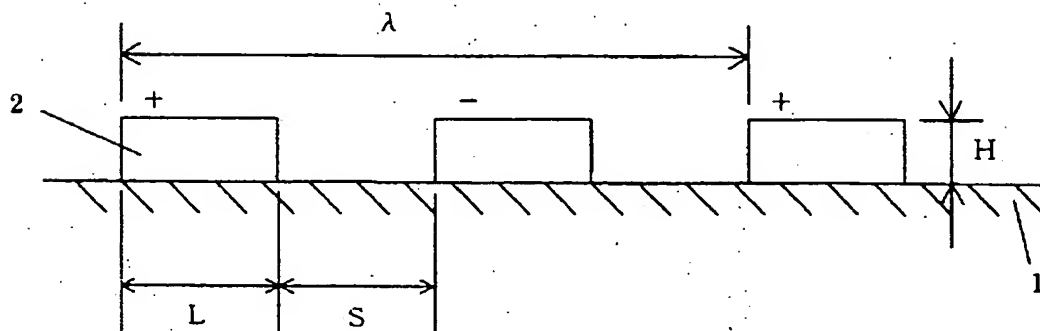


[Fig.1]

(a)



(b)

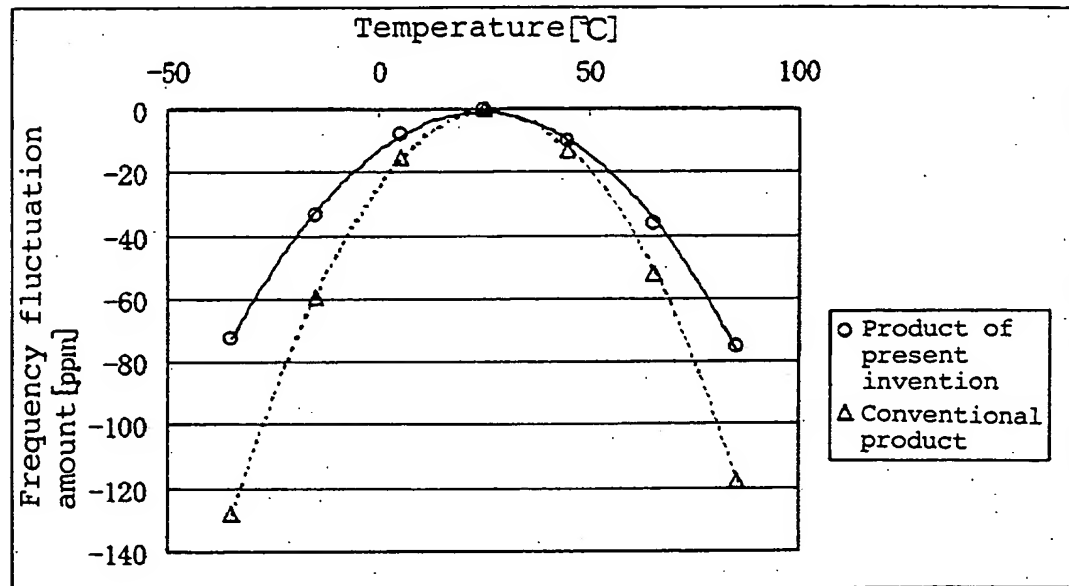


[Fig.2]

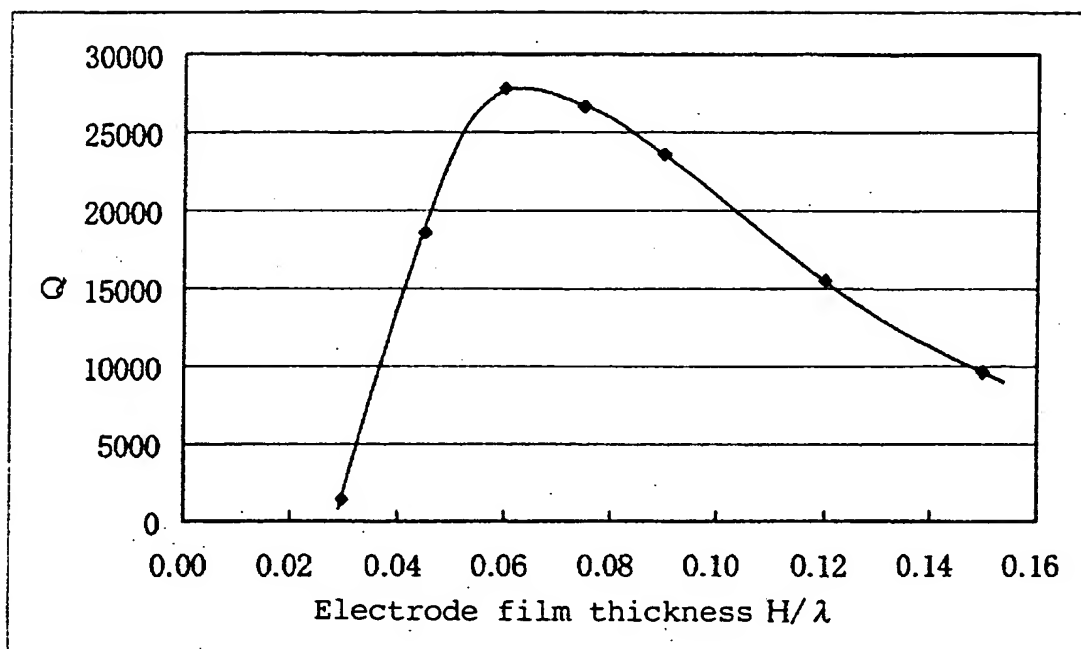
(a)

	Product of present invention	Conventional product (ST cut quartz)	Unit
Q value	27500	15000	—
Figure of merit	21.2	10.7	—
Secondary temperature coefficient	-0.020	-0.034	ppm/°C ²

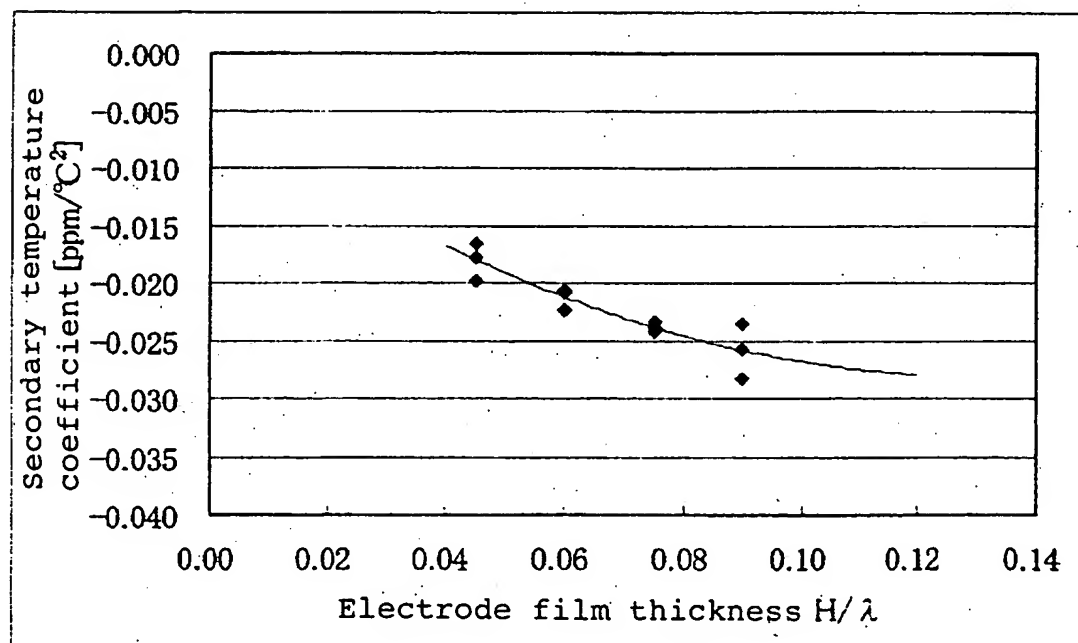
(b)



[Fig.3]

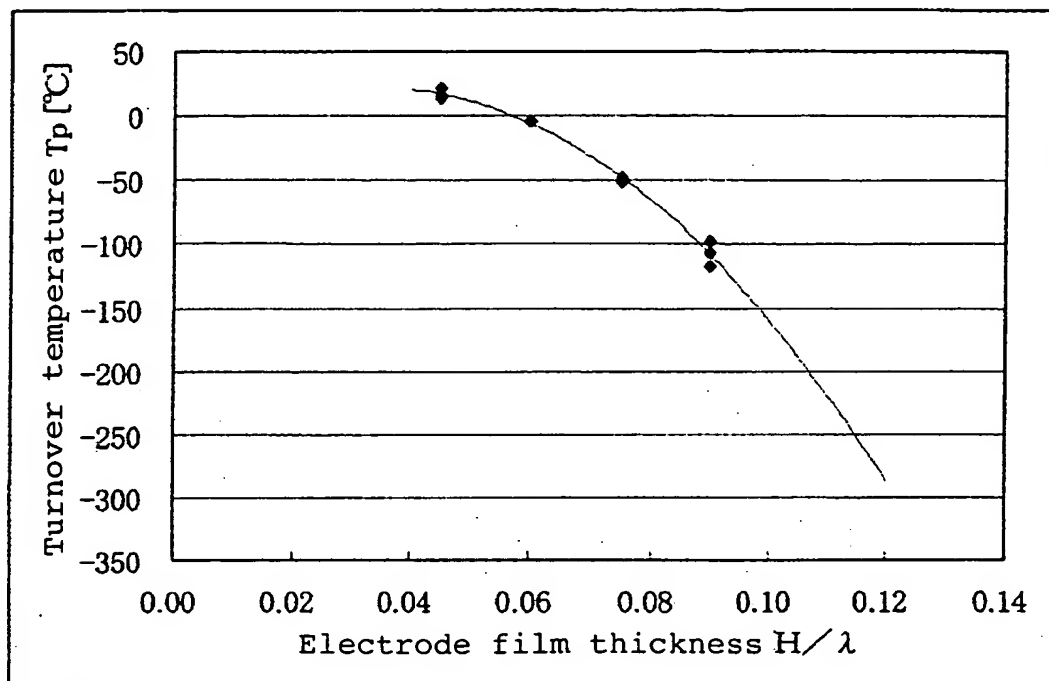


[Fig.4]

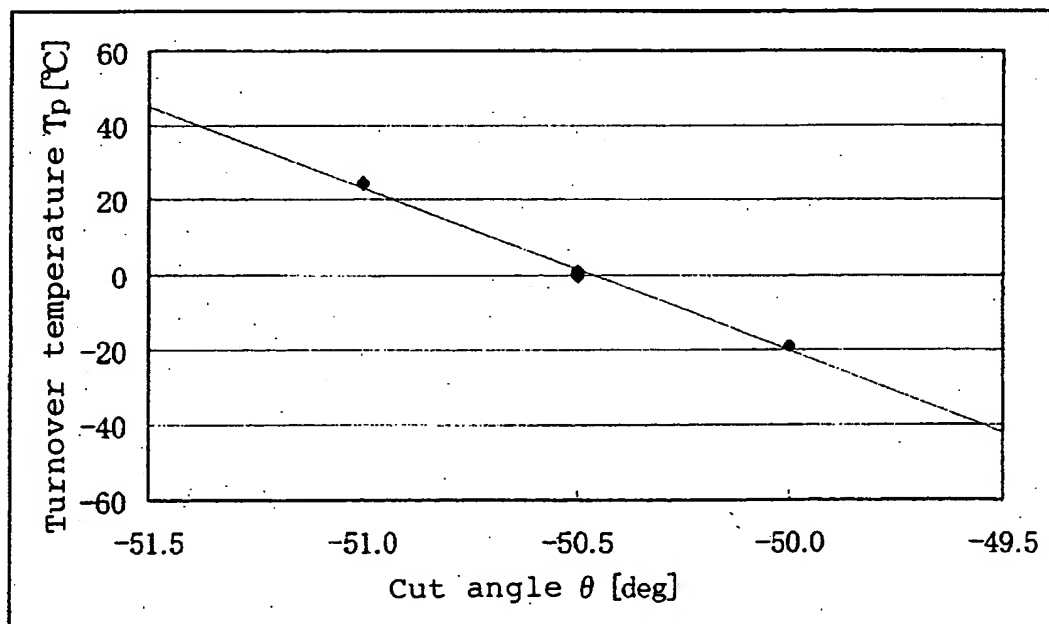


[Fig.5]

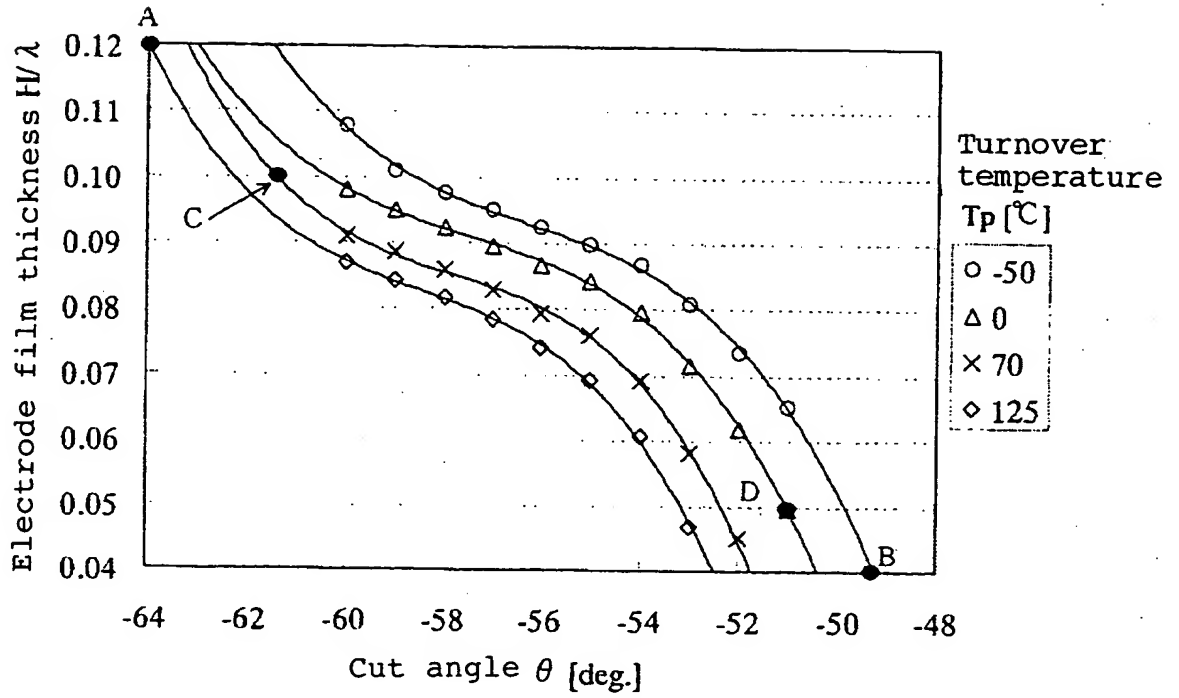
(a)



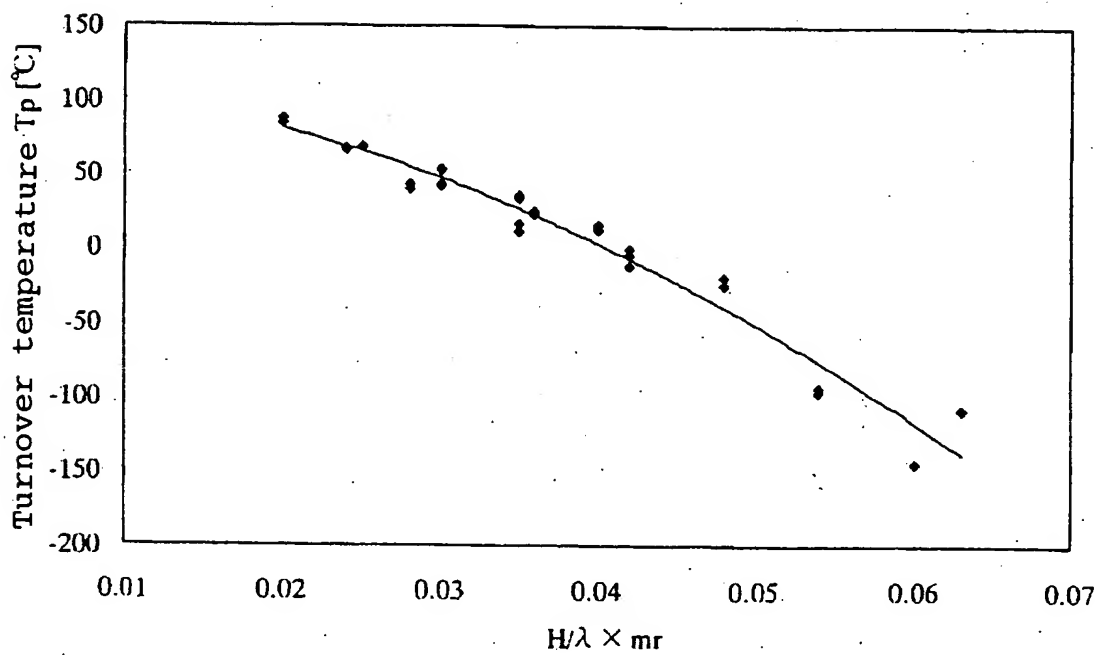
(b)



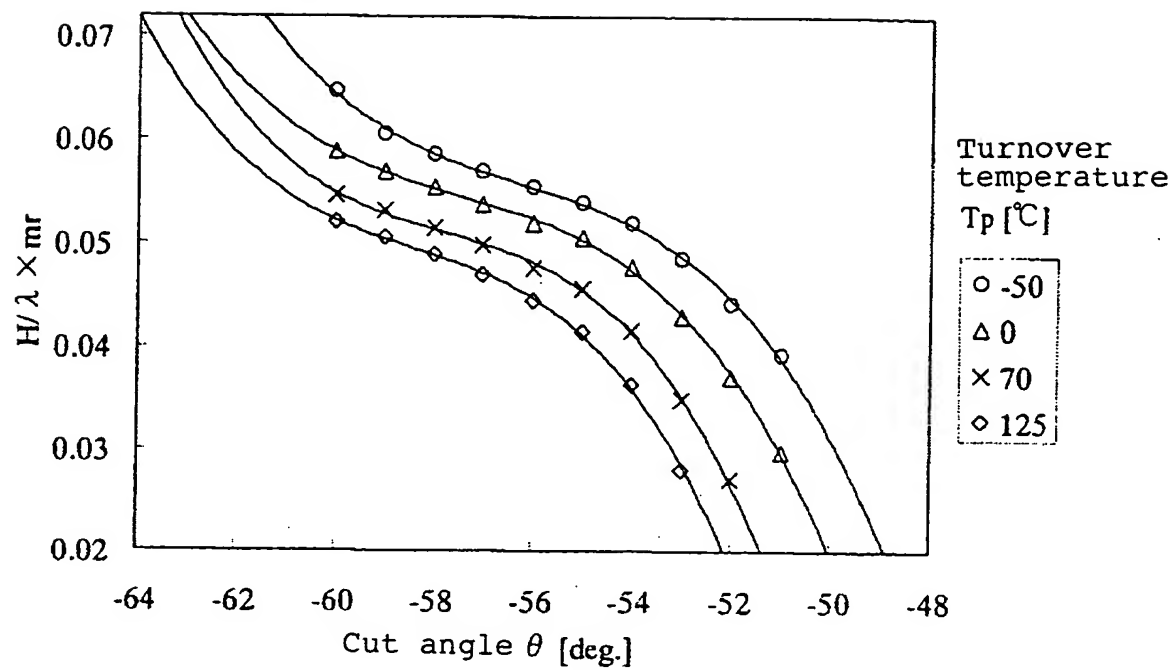
[Fig.6]



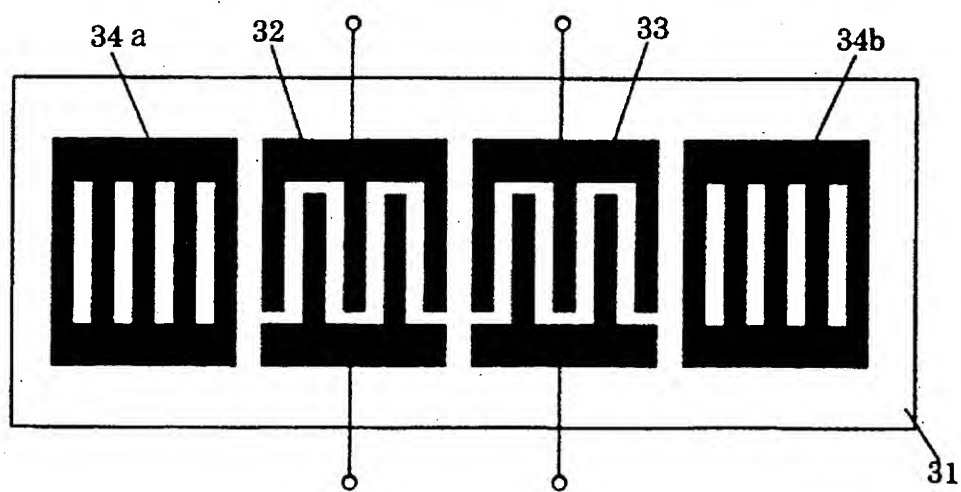
[Fig.7]



[Fig.8]

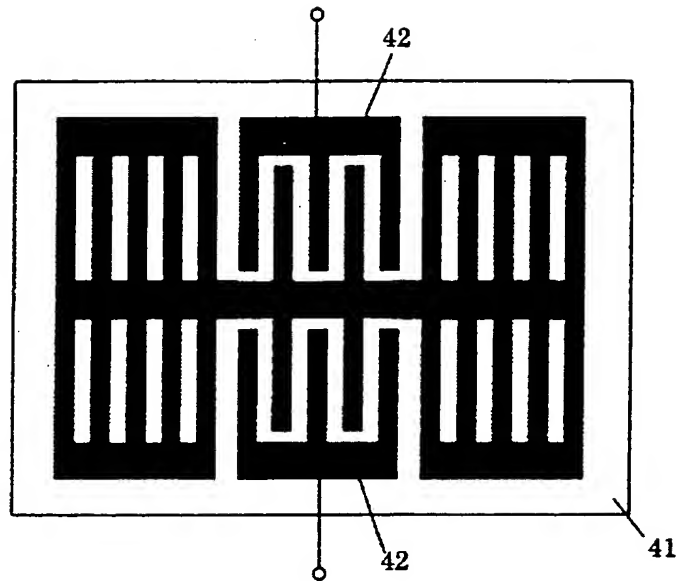


[Fig.9]

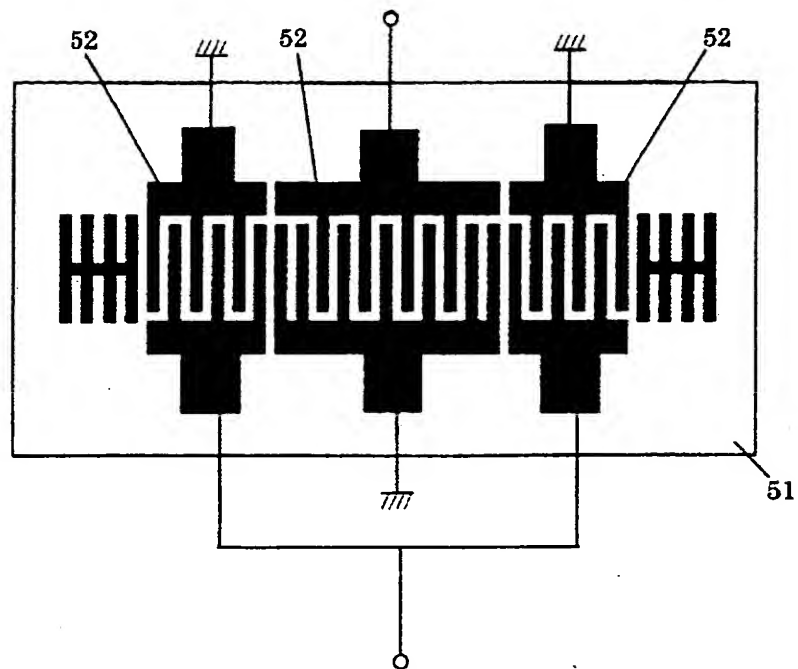


[Fig.10]

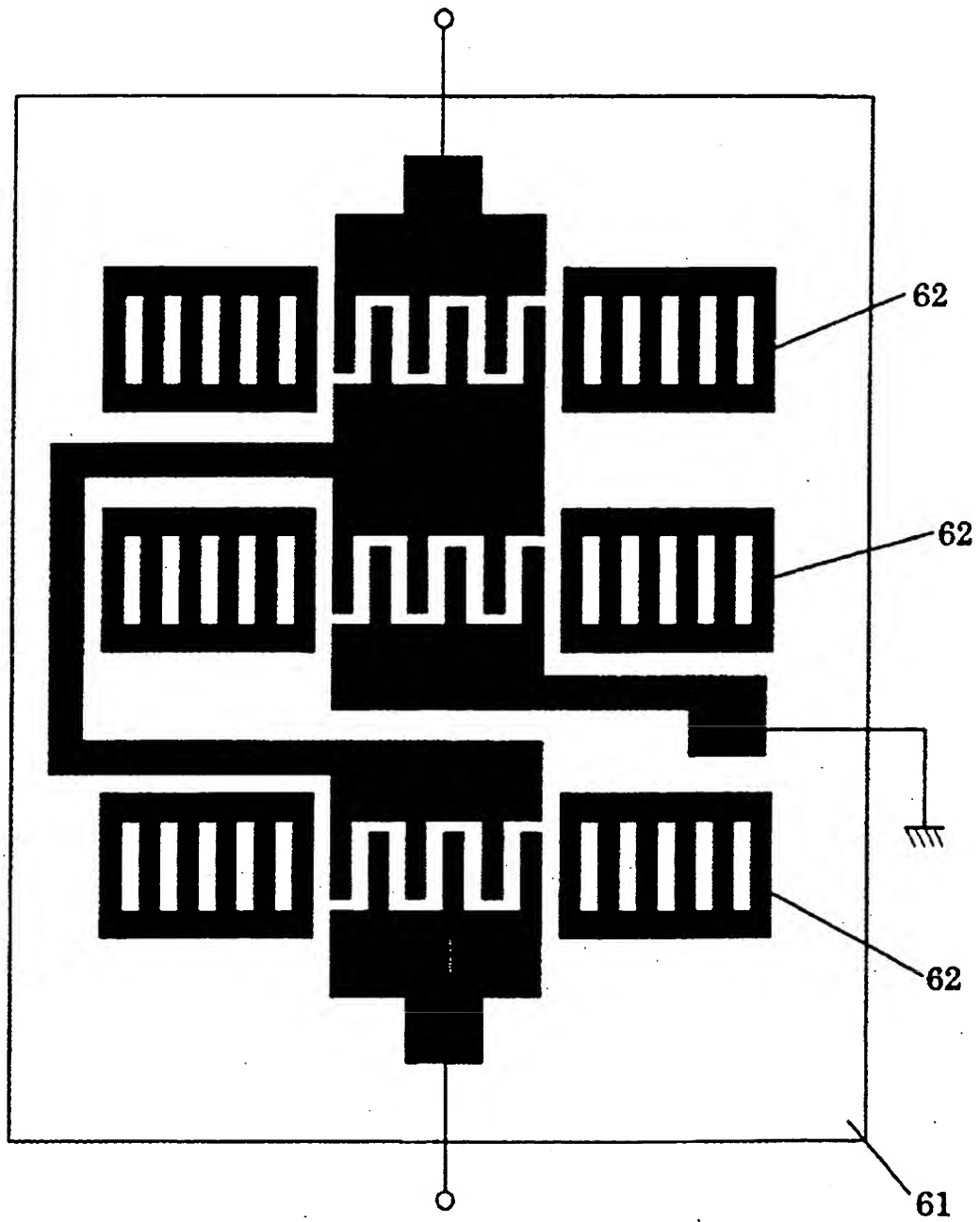
(a)



(b)

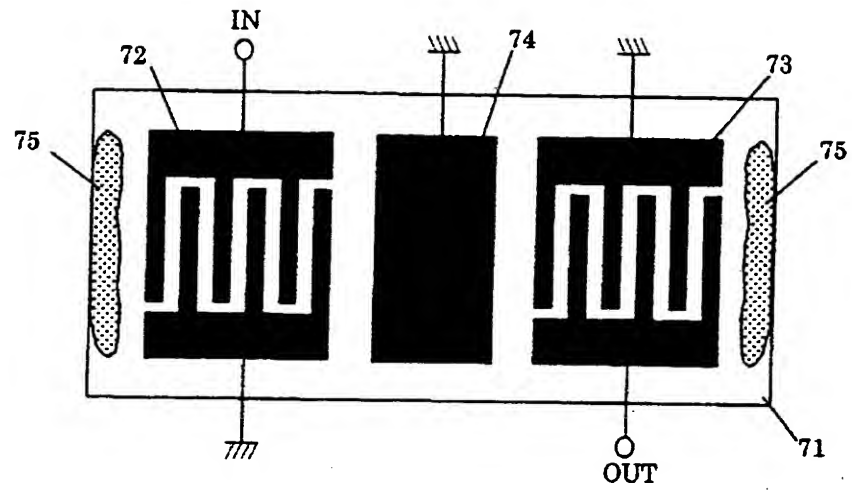


[Fig.11]

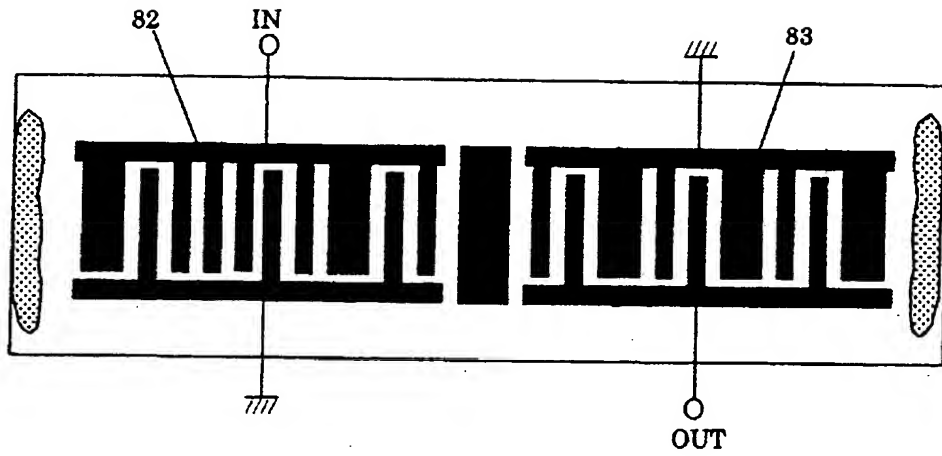


[Fig.12]

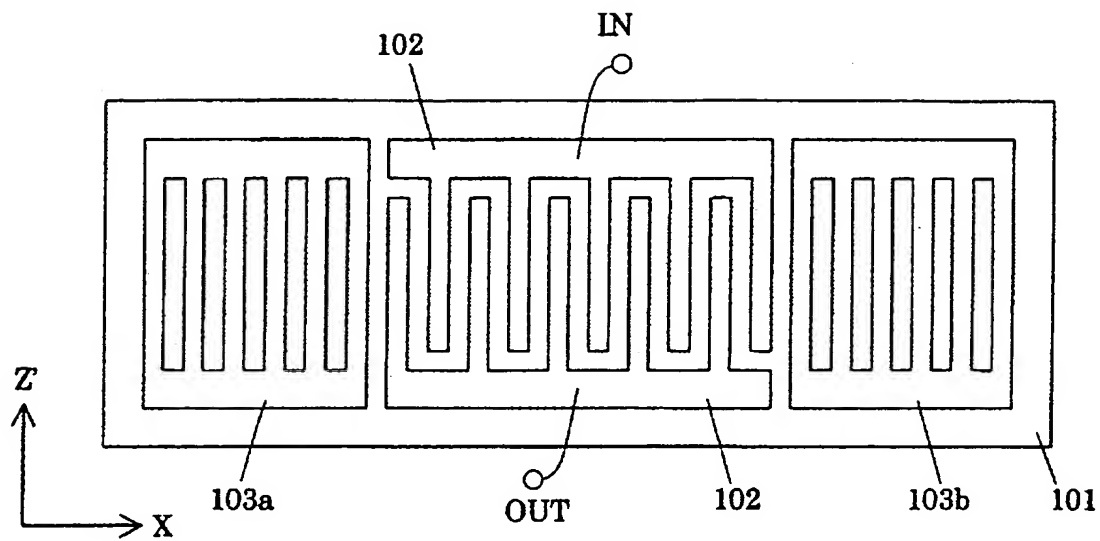
(a)



(b)

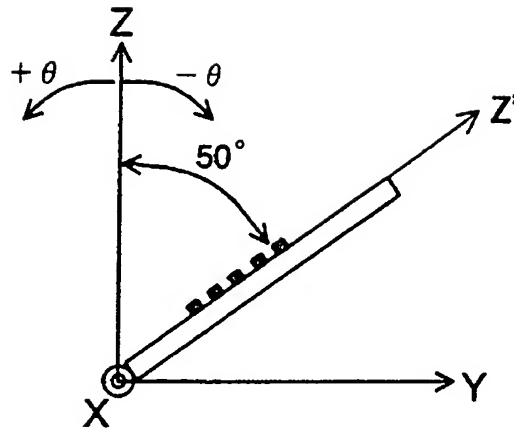


[Fig.13]

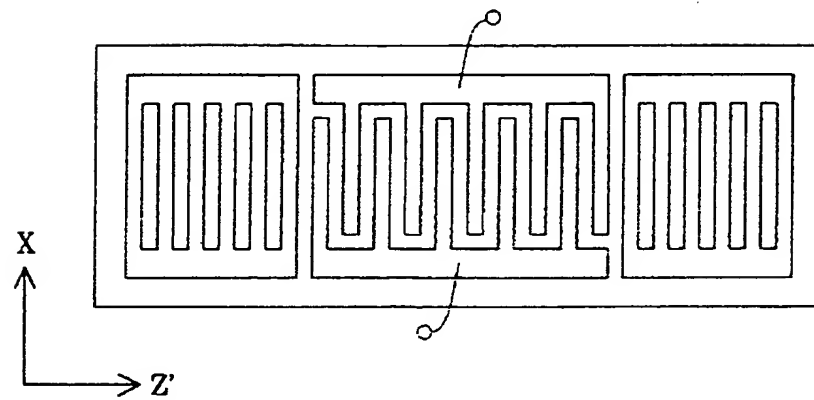


[Fig.14]

(a)



(b)



[Fig.15]

